



In re Application of:

Peter Michael Edic et al.

\$\omega\$ \omega\$ \omega\$

Serial No.:

10/625,361

Filed:

July 23, 2003

For:

METHOD AND APPARATUS

FOR CORRECTING MOTION IN **IMAGE RECONSTRUCTION**

Examiner:

Group Art Unit:

Song, Hoon K.

2882

Atty. Docket: 120520-2/YOD/RAR

GERD:0051

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

August 8, 2006

Stephanie Shamg

Sir:

SUPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §§ 1.97(c)(2) AND 1.98

In compliance with the duty of disclosure under 37 C.F.R. § 1.56(a), it is respectfully requested that this Information Disclosure Statement be entered and that the listed references be considered by the Examiner and made of record. Applicants note that, due to recent amendments to 37 C.F.R. § 1.98(a), copies of the listed domestic references are no longer required to be submitted to the Examiner.

In accordance with 37 C.F.R. § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made, as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b), or as a representation that no other possibly material information, as defined in 37 C.F.R. § 1.56(b), exists.

08/15/2006 DEMMANU1 00000046 070868 10625361

01 FC:1806

180.00 DA

Serial no. 10/625,361 Information Disclosure Statement Page 2

Furthermore, the references listed on the attached PTO/SB/08A and PTO/SB/08B Forms are not to be construed as an admission that these references qualify as prior art as to the above-referenced application or any related application. Rather, these references are being presented for the Examiner's consideration without prejudice to the right to demonstrate that any of these references do not qualify as prior art should the Examiner choose to apply any of these references.

The following information is listed on the attached PTO/SB/08A Form in accordance with 37 C.F.R. §1.98. Any explanation of non-English language documents contained in this Information Disclosure Statement is believed to constitute a concise explanation of the relevance of the listed reference as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the listed reference, in accordance with 37 C.F.R. § 1.98(a)(3).

The Commissioner is hereby authorized to charge the requisite fee of \$180, and any additional fee which may be required, to Deposit Account No. 07-0868; Order No. 120520-2/YOD/RAR (GERD:0051).

Respectfully submitted,

Date: August 8, 2006

John M. Rariden Reg. No. 54,388 FLETCHER YODER P.O. Box 692289 Houston, TX 77269-2289 (281) 970-4545

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/625,361 Filing Date July 23, 2003 First Named Inventor Peter Michael Edic Art Unit 2882 **Examiner Name** Song, Hoon K. 120520-2/YOD/RAR (GERD:0051) Attorney Docket Number

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	^{US-} 2,340,500	11/16/1942	Zunick et al.	
	A2	^{US-} 4,057,725	11/8/1997	Wagner	
	A3	^{US-} 4,196,352	4/1/1980	Berninger et al.	
	A4	^{US-} 4,274,005	6/16/1981	Yamamura et al.	
	A5	^{US-} 4,384,359	5/17/1983	Franke	
	A6	^{US-} 4,547,892	10/15/1985	Richey et al.	
	A7	^{US-} 4,947,412	8/7/1990	Mattson	
	A8	^{US-} 4,965,726	10/23/1990	Heuscher et al.	
	A9	^{US-} 4,991,190	2/5/1991	Mori	
	A10	^{US-} 5,166,961	11/24/1992	Brunnett	
	A11	^{US-} 5,175,754	12/29/1992	Casey et al.	
	A12	^{US-} 5,228,070	7/13/1993	Mattson	
	A13	^{US-} 5,259,012	11/2/1993	Baker et al.	
•	A14	^{US-} 5,262,946	11/16/1993	Heuscher	
	A15	US- 5,276,614	1/4/1994	Heuscher	
	A16	^{US-} 5,305,363	4/19/1994	Burke et al.	
	A17	^{US-} 5,377,249	12/27/1994	Wiesent et al.	
	A18	^{US-} 5,383,231	1/17/1995	Yamagishi	
	A19	^{US-} 5,396,408	3/7/1995	Heuscher	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	⊤ 6				
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear					

Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449/PTO				Complete if Known			
	0000				Application Number	10/625,361		
	INI	FORMATIC	ON DISC	N OSLIDE	Filing Date	July 23, 2003		
					First Named Inventor	Peter Michael Edic		
	STATEMENT BY APPLICANT				Art Unit	2882		
		(Use as many	sheets as nec	essary)	Examiner Name	Song, Hoon K.		
$\overline{}$	Sheet	2	of	5	Attorney Docket Number	120520-2/YOD/RAR (GERD:0051)		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A20	^{US-} 5,396,418	3/7/1995	Heuscher	
	A21	^{US-} 5,412,562	5/2/1995	Nambu et al.	
	A22	^{US-} 5,438,605	8/1/1995	Burke et al.	
	A23	^{US-} 5,485,493	1/16/1996	Heuscher et al.	
	A24	^{US-} 5,544,212	8/6/1996	Heuscher	
	A25	^{US-} 5,570,403	10/29/1996	Yamazaki et al.	
	A26	^{US-} 5,633,906	5/27/1997	Hell et al.	
	A27	^{US-} 5,654,995	8/5/1997	Flohr	
	A28	^{US-} 5,764,721	6/9/1998	Light et al.	
	A29	^{US-} 5,848,117	10/8/1998	Urchuk et al.	
	A30	^{US-} 5,966,422	10/12/1999	Dafni et al.	•
	A31	^{US-} 6,047,040	4/4/2000	Hu et al.	
	A32	^{US-} 6,125,167	9/26/2000	Morgan	
	A34	^{US-} 6,183,139	2/6/2001	Solomon et al.	
	A35	us- 6,229,870	5/8/2001	Morgan	
	A36	^{US-} 6,236,705	5/22/2001	Stergiopoulos et al.	
	A37	^{US-} 6,236,709	5/22/2001	Perry et al.	
	A38	^{US-} 6,272,200	8/7/2001	Pan et al.	
	A39	^{US-} 6,333,968	12/25/2001	Whitlock et al.	

		FORE	IGN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	-6
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
					:	
						_

Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	titute for form 1449/PTC		0, 10 0010010 110 10401100	Complete if Known		
Subs	indic for form 1449/F (C	,		Application Number	10/625,361	
IND		N DIC	CL OCUDE	Filing Date	July 23, 2003	
			CLOSURE	First Named Inventor	Peter Michael Edic	
SI	TATEMENT	BY A	PPLICANT	Art Unit	2882	
	(Use as many sheets as necessary)			Examiner Name	Song, Hoon K.	
Sheet	3	of	5	Attorney Docket Number	120520-2/YOD/RAR (GERD:0051)	

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Examiner Initials*	No.1	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	A40		3/5/2003	Edic	
	A41	^{US-} 6,385,282	5/7/2002	Francke et al.	
	A42	^{US-} 6,421,412	7/16/2002	Hsieh et al.	
	A43	^{US-} 6,453,003	9/17/2002	Springer et al.	
	A44	^{US-} 6,459,755	10/1/2002	Li	
-	A45	^{US-} 6,466,640	10/15/2002	Taguchi	
	A46	^{US-} 6,507,639	1/14/2003	Popescu	
	A47	^{US-} 6,522,712	2/18/2003	Yavuz et al.	
	A48	US- 6,674,837	1/6/04	Taskar ey al.	
	A49	^{US-} 6,731,716	5/4/2004	Mihara et al.	
	A50	^{US-} 6,754,300	6/22/2004	Hsieh et al.	
	A51	^{US-} 6,760,399	7/6/2004	Malamud	
	A52	^{US-} 6,807,248	10/19/04	Mihara et al.	
	A53	US- 6,914,959	7/5/2005	Bailey et al.	
	A54	US- 2002/0074929	6/20/2002	Taskar et al.	
	A55	US- 2002/0085674	7/4/2002	Price et al.	
	A56	US- 2002/0094064	7/18/2002	Zhou et al.	
-	A57	^{US-} 2003/0043957	5/6/2003	Pelc	
	A58	US- 2003/0118155	6/26/2003	Ueno et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	6	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear		
						┢	
						L	
	1						

			
Examiner		Date	
Signature		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Panerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449	(PTO		Complete if Known		
Cubolitato for form 14 40			Application Number	10/625,361	
INFORMAT		SCLOSURE	Filing Date	July 23, 2003	
			First Named Inventor	Peter Michael Edic	
		APPLICANT	Art Unit	2882	
(Use as ma	ny sheets as	s necessary)	Examiner Name	Song, Hoon K.	
 hoot 4	of	5	Attorney Docket Number	120520-2/YOD/RAR (GERD:0051)	

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (# known)}			Figures Appear
	A59	^{US-} 2004/0014710	6/17/2004	Ozaki	
	A60	^{US-} 2004/0136490	7/15/2004	Edic et al.	
	A61	^{US-} 2004/0213378	10/28/2004	Zhou et al.	,
	A62	^{US-} 2005/0135550	6/23/2005	De Man et al.	
	A63	^{US-} 2005/0175143	8/11/2005	Miayazaki et al.	
	A64	^{US-} 2006/0002506	1/5/2006	Pelc	
		US-			
		US-			
		US-			
	 	US-			
-		US-			
	<u> </u>	US-			
		US-			
		US-			
	1	US-			
	<u> </u>	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶

Examiner	Date	
Signature	Consider	ed

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO		Complete if Known				
Substitut	10 10 10 11 1449/1-1	Ü		Application Number	10/625,361	
INFO	ORMATIC	N DIS	CLOSURE	Filing Date	July 23, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Peter Michael Edic	
				Art Unit	2882	
(Use as many sheets as necessary)			ecossary)	Examiner Name	Song, Hoon K.	
Sheet	5	of	5	Attorney Docket Number	120520-2/YOD/RAR (GERD:0051)	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T².		
	C1	LALUSH, DAVID C., Feasibility of Transmission Micro-CT with Two Fan-Beam Sources, IEEE, pp. 1283-1286, September 1-5, 2004, Volume 4, San Francisco, California.			
-					

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.